

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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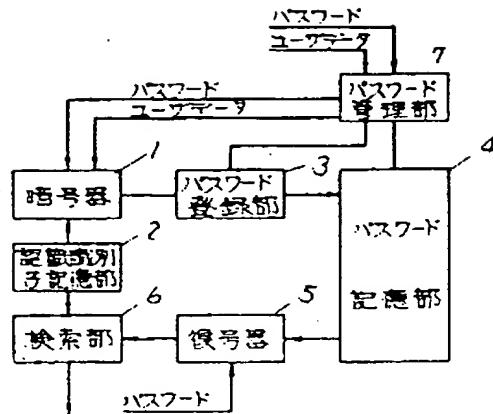
APPLICATION DATE : 24-12-86  
APPLICATION NUMBER : 61313905

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

INVENTOR : TATEBAYASHI MAKOTO;

INT.CL. : G06F 15/00

**TITLE** : AUTHENTICATION DEVICE FOR USER



**ABSTRACT :** PURPOSE: To enable a user to receive his/her authentication just with input of a password by enciphering and storing user data including an authentication identifier with the password used as a cipher key.

**CONSTITUTION:** When a user registers a password, a cipher device 1 ciphers the user data including at least a confirmation identifier with an input password used as a cipher key. A password memory part 4 stores plural pieces of such enciphered user data. When the user is authenticated, a decoder 5 decodes plural enciphered user data stored in the part 4 with an input password used as a cipher key. At the same time, a retrieving part 6 retrieves the user data including the authentication identifier out of plural ones, i.e., the outputs of the decoder 5 and outputs this retrieving result as the user authentication information. Thus the user can be authenticated just with the input of a password.

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